



3. Measure the valve clearances marked with arrows shown in the figure.
A: When No.1 cylinder is on the top dead center of compression stroke.
B: When No.4 cylinder is on the top dead center of compression stroke.
4. Using a thickness gauge, adjust the clearance between the valve shaft end and the adjusting screw.
Standard value (in cold state):
<Vehicles for CALIFORNIA emission>
Intake side: 0.11 mm (0.004 inch)
Exhaust side: 0.21 mm (0.008 inch)
<Vehicles for except CALIFORNIA emission>
Intake side: 0.11 mm (0.004 inch)
Exhaust side: 0.22 mm (0.009 inch)
NOTE: After the engine assembly is installed on the vehicle, check the valve clearance again with the engine warmed up. Adjust if necessary.
5. Hold the adjusting screw with a screw driver so it does not rotate then tighten the lock nut.
6. Rotate the crankshaft one time clockwise and then align the timing mark with the timing mark on the crankshaft sprocket. (Place No.4 cylinder on the top dead center of compression stroke.)
7. Adjust the valve clearance for the rest of the valves.
8. Install the rocker cover.